

Serial Number:

09/815,944

- ☐ Changed a file from non-ASCII to ASCII.
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_.
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_.
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_.
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_.
- ☐ Other: \_\_\_\_\_.

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/815,944

DATE: 09/05/2001  
 TIME: 20:35:36

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 Output Set: N:\CRF3\09052001\I815944.raw

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 5       Matthews, William  
 6       Moore, Mark  
 7       Phillips, Russell  
 9 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING MELANOCYTE  
 10       STIMULATING HORMONE RECEPTOR GENE DISRUPTIONS  
 13 <130> FILE REFERENCE: R-654  
 15 <140> CURRENT APPLICATION NUMBER: US 09/815,944  
 16 <141> CURRENT FILING DATE: 2001-03-22  
 18 <150> PRIOR APPLICATION NUMBER: US 60/191,236  
 19 <151> PRIOR FILING DATE: 2000-03-22  
 21 <150> PRIOR APPLICATION NUMBER: US 60/215,214  
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 24 <150> PRIOR APPLICATION NUMBER: US 60/218,075  
 25 <151> PRIOR FILING DATE: 2000-07-12  
 27 <150> PRIOR APPLICATION NUMBER: US 60/219,167  
 28 <151> PRIOR FILING DATE: 2000-07-19  
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130 223> OTHER INFORMATION: Phage vector
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233 tagatctgga tccggccagc taggcgctcg acctcgagt atcagggtacc aaggtcctcg 6060
234 ctctgtgtcc gttgagctcg acgacacagg acacgcaa attaattaaggc cggcccgtag 6120
235 cctctagtca aggccttaag tgagtcgtat tacggactgg ccgtcgtttt acaacgtcgt 6180
236 gactgggaaa accctggcgt taccacaactt aatcgcttgc cagcacatcc ccctttcgcc 6240
237 agctggcgta atagcgaaga ggccgcacc gatcgccctt cccaacagtt gcgcagcctg 6300
238 aatggcgaat ggcgcttcgc ttggtaataa agcccgcttc ggcgggcttt ttttt 6355
240 >210> SEQ ID NO: 3
241 >211> LENGTH: 26
242 >212> TYPE: DNA
243 >213> ORGANISM: Artificial Sequence
245 >220> FEATURE:
246 >223> OTHER INFORMATION: Phage vector
248 >400> SEQUENCE: 3
249 tgtgtctctc tttggcttgc ttccaa 26
251 >210> SEQ ID NO: 4
252 >211> LENGTH: 26
253 >212> TYPE: DNA
254 >213> ORGANISM: Artificial Sequence
255 >220> FEATURE:
257 >223> OTHER INFORMATION: Phage vector
259 >400> SEQUENCE: 4
260 ttggaagcaa gccaaagagg agcaca 26
262 >210> SEQ ID NO: 5
263 >211> LENGTH: 25
264 >212> TYPE: DNA
265 >213> ORGANISM: Artificial Sequence
267 >220> FEATURE:
268 >223> OTHER INFORMATION: Phage vector
270 >400> SEQUENCE: 5
271 ctggttcttg tctggcttgg cccaa 25

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/815,944

DATE: 09/05/2001

TIME: 20:35:38

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\09052001\I815944.raw